



GemSperse Yellow AX74

Description: Acrylic Resin and Water Based Dispersion of Transparent Yellow 74

Chemical Type	Monoazo Yellow	Constitution No.	11741
Color Index	Pigment Yellow 74	CAS No.	6358-31-2

Resistance Properties

MEK	2-3	Ethanol	5
Water	5	Ethyl Acetate	3
Mineral Spirits	3-4	Acid	5
Xylene	2-3	Alkali	4-5

Legend: 1=Poor, 2=Fair, 3=Good, 4=Very Good, 5=Excellent

Product Characteristics

Heat Stability (°C/°F)	160°C	Weatherfastness (1-5): Masstone
Lightfastness (1-8): Masstone	6	Weatherfastness (1-5): Tint 1:10
Lightfastness (1-8): Tint 1:10	5	

Weatherfastness: 1=Poor, 2=Fair, 3=Good, 4=Very Good, 5=Excellent

Lightfastness: 1-2=Poor, 3-4=Fair, 5=Good, 6-7=VG, 8=Excellent

Physical Properties

Fineness of Grind (µm)	<10	Specific Gravity	1 - 1.2
Volatile Organic Content (ppm)		Viscosity (cP)	100 - 1000
pH	8.5 - 9.5	Pigment Content (%)	42

Applications

Plastics		Coatings		Inks		Other	
PVC	<input type="checkbox"/>	Decorative	<input checked="" type="checkbox"/>	Water Flexo	<input checked="" type="checkbox"/>	Paper	<input type="checkbox"/>
PE	<input type="checkbox"/>	Automotive/Aerospace	<input type="checkbox"/>	Solvent Flexo	<input type="checkbox"/>	Rubber Latex	<input checked="" type="checkbox"/>
PP	<input type="checkbox"/>	Industrial	<input checked="" type="checkbox"/>	InkJet	<input type="checkbox"/>	Finger Paints	<input type="checkbox"/>
PS	<input type="checkbox"/>	Powder	<input type="checkbox"/>	UV	<input checked="" type="checkbox"/>	Seed Coatings	<input checked="" type="checkbox"/>
PET	<input type="checkbox"/>			Offset	<input type="checkbox"/>		

Not Frequently Used Limited Recommended

Comments: Now the most important yellow for decorative paints. Available in two forms both having only moderate solvent fastness and poor heat stability.

DISCLAIMER OF LIABILITY FOR RELIANCE ON INFORMATION PROVIDED BY DCL: The information contained herein is true and accurate to the best of our knowledge and are deemed as typical values, being therefore provided without warranty or guarantee. Since the conditions of use are beyond our control, DCL disclaims all liability and assumes no legal responsibility for damages resulting from use of or reliance upon the information contained herein. DCL strongly recommends careful screening/testing before using its products in production. Shelf life for GemSperse products is 1 year.